FIG. 1

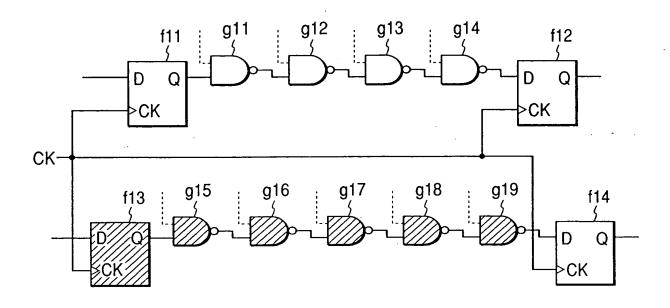
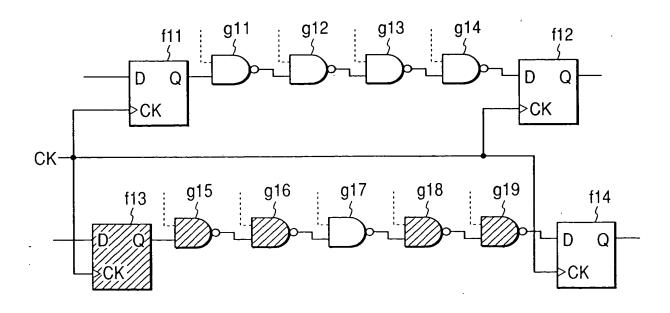


FIG. 2



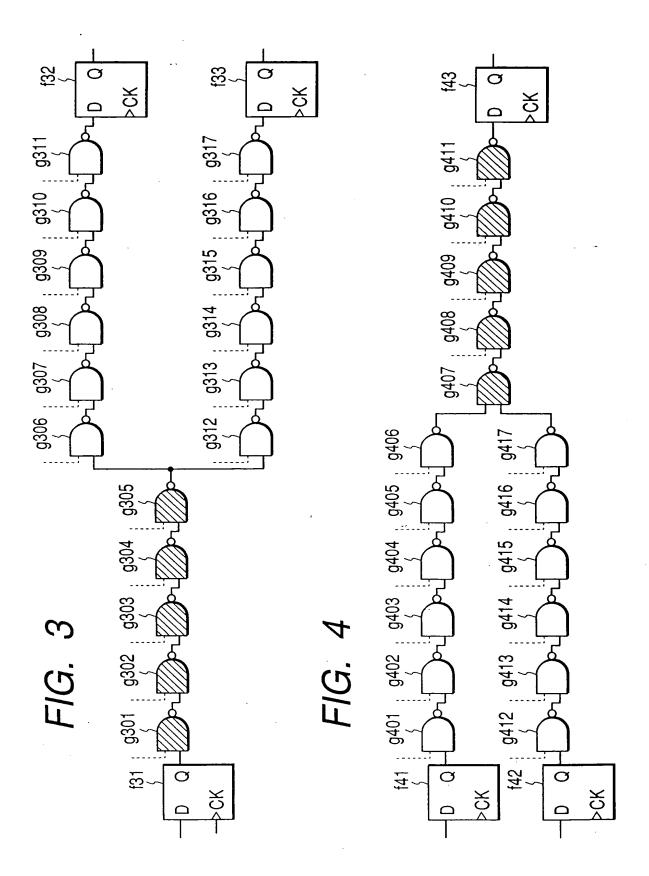
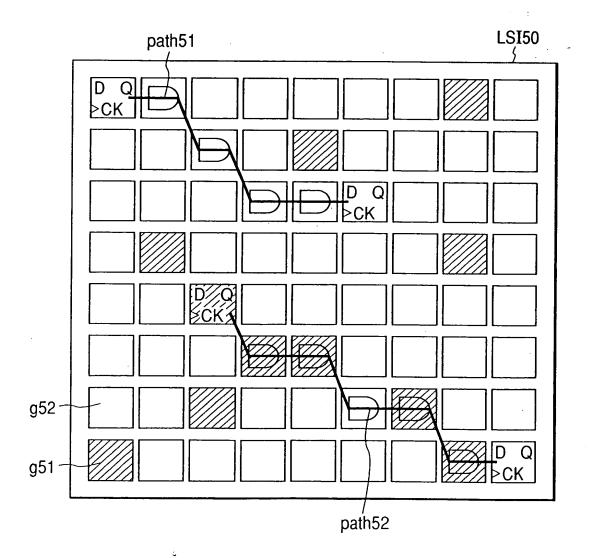
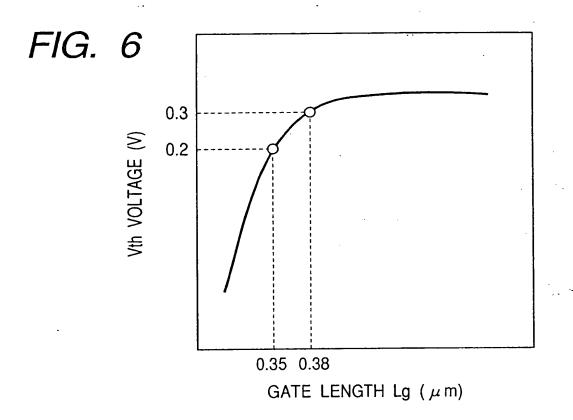
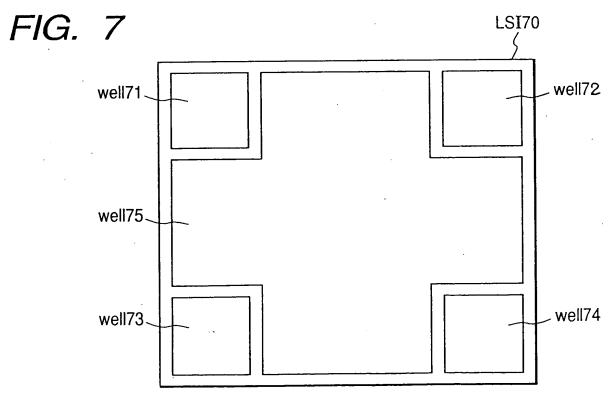
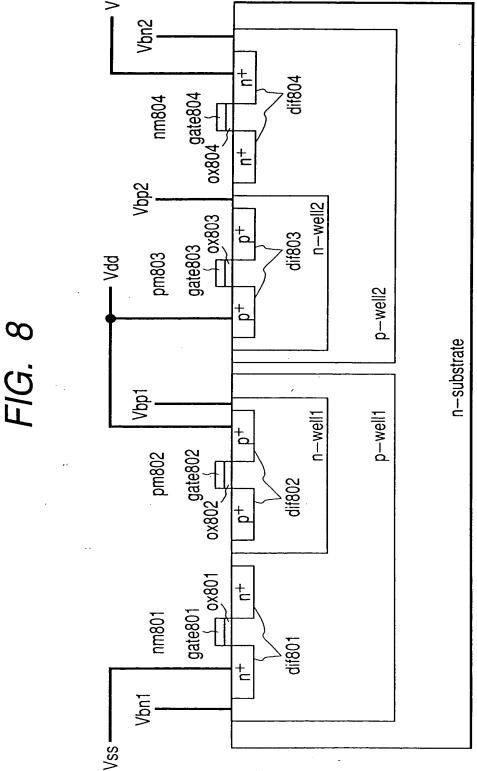


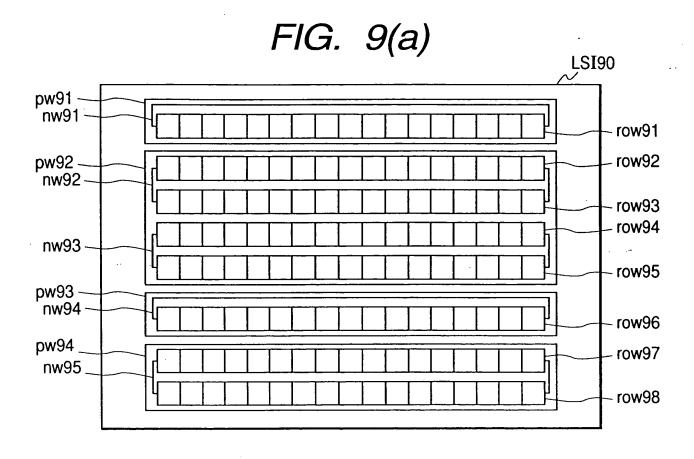
FIG. 5

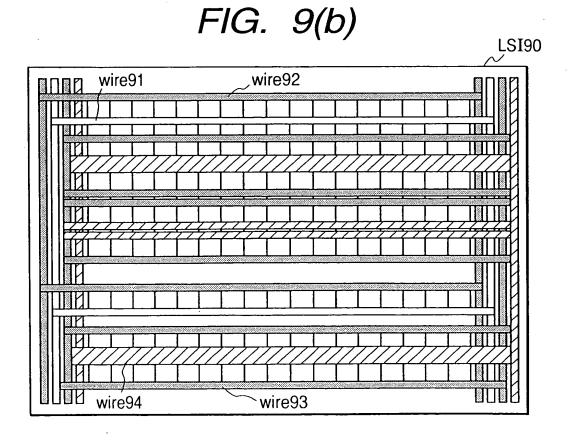












## FIG. 10

c101 c102 c103 cellname:inverterA cellname:inverterB cellname:inverterBL size:30x8 size:30x16 size:30x16 wsize  $16 \mu \text{ m}$ wsize  $16 \mu \text{ m}$ wsize  $8 \mu \text{ m}$ pin i1(I), o1(O) pin i1(I), o1(O) pin i1(I), o1(O) delay: delay: delay: o1:from i1 o1:from i1 o1:from i1 rise 180psec rise 100psec rise 76psec fall 170psec fall 92psec fall 74psec leakage current:36pA leakage current:2pA leakage current:4pA Vth:0.3V Vth:0.3V Vth:0.2V function:o1=not(i1) function:o1=not(i1) function:o1=not(i1) ... ...

FIG. 11

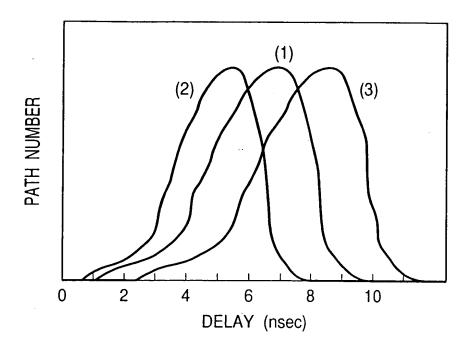


FIG. 12

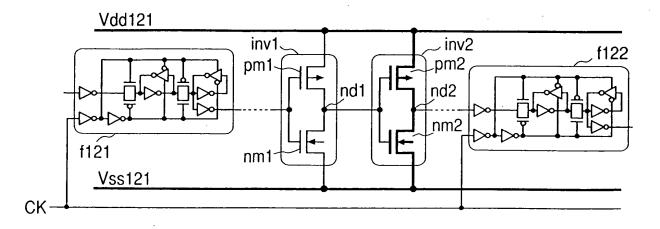


FIG. 13

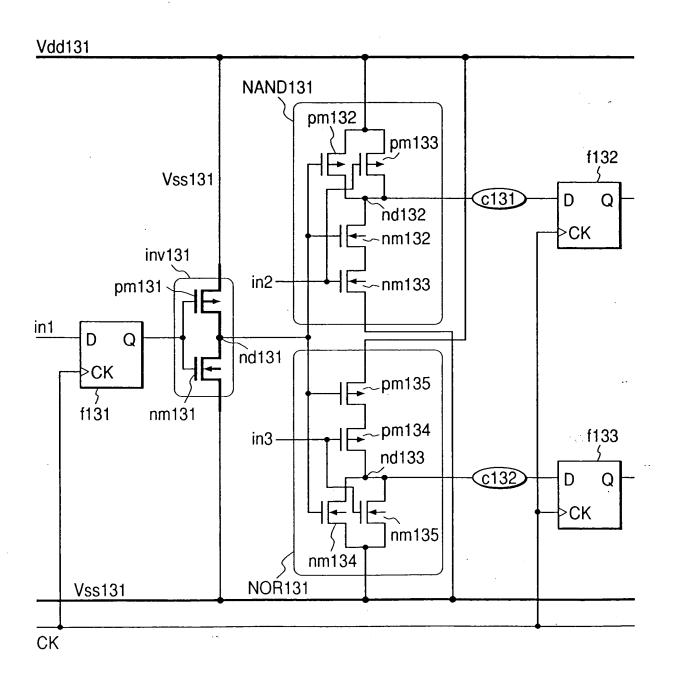
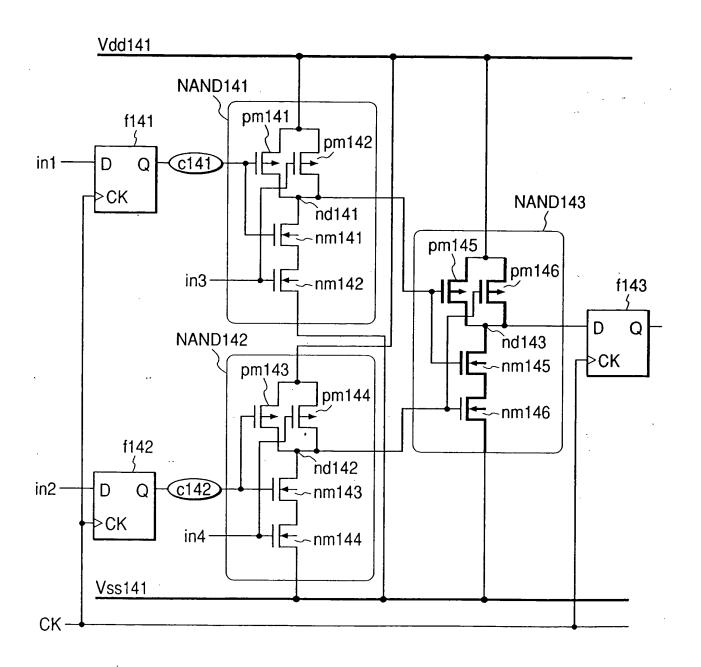
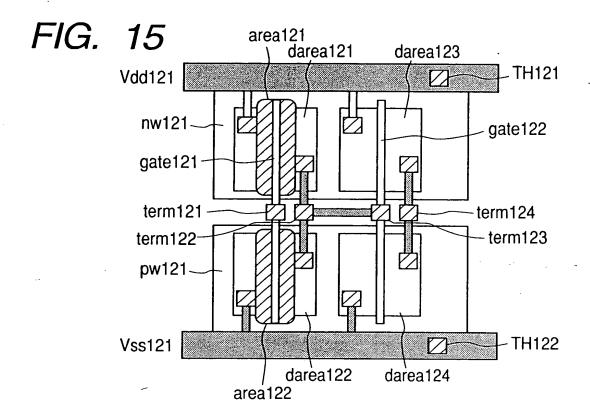
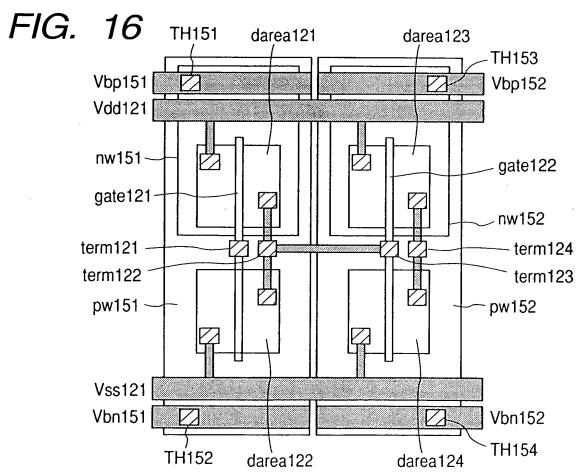
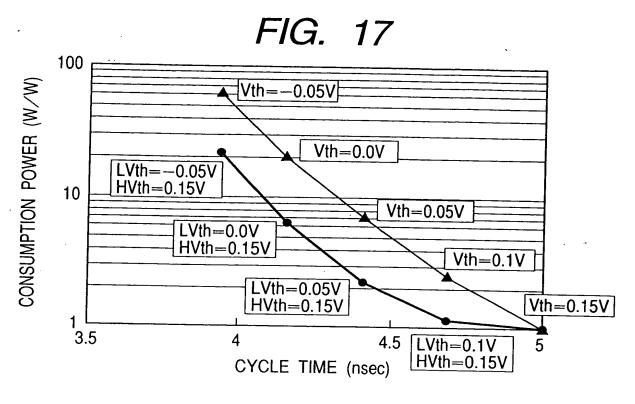


FIG. 14









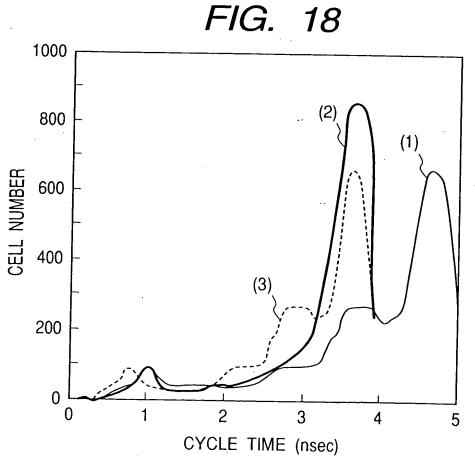


FIG. 19

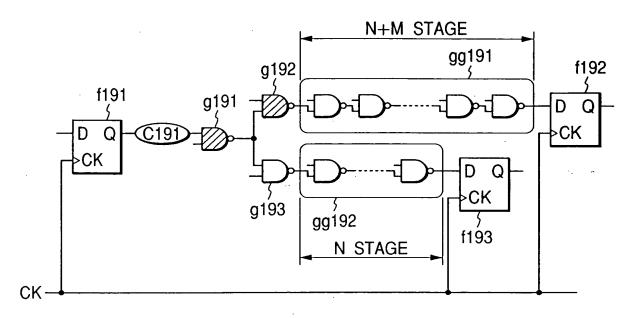


FIG. 20

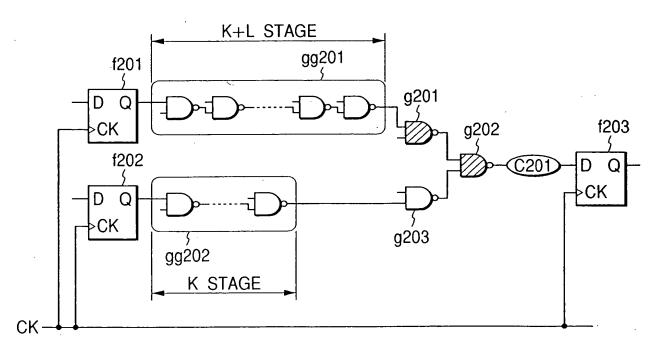
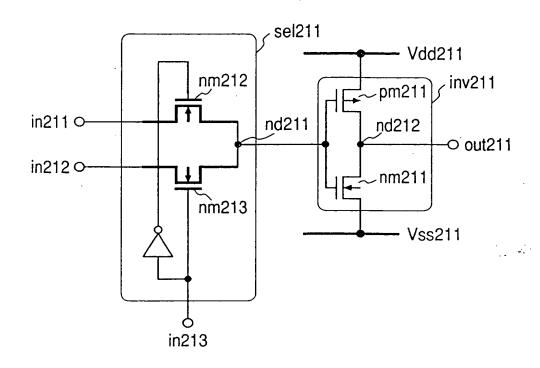


FIG. 21



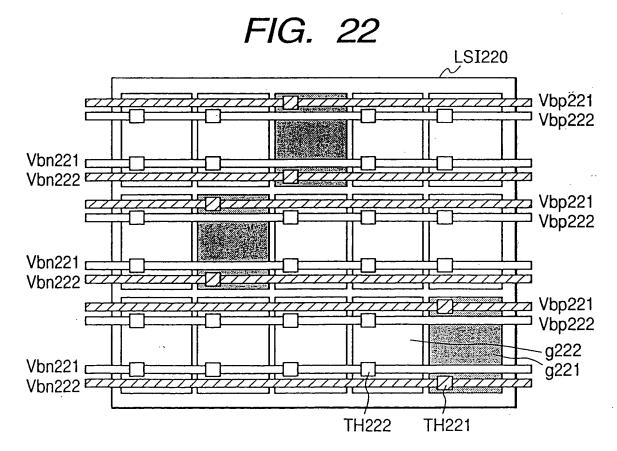


FIG. 23

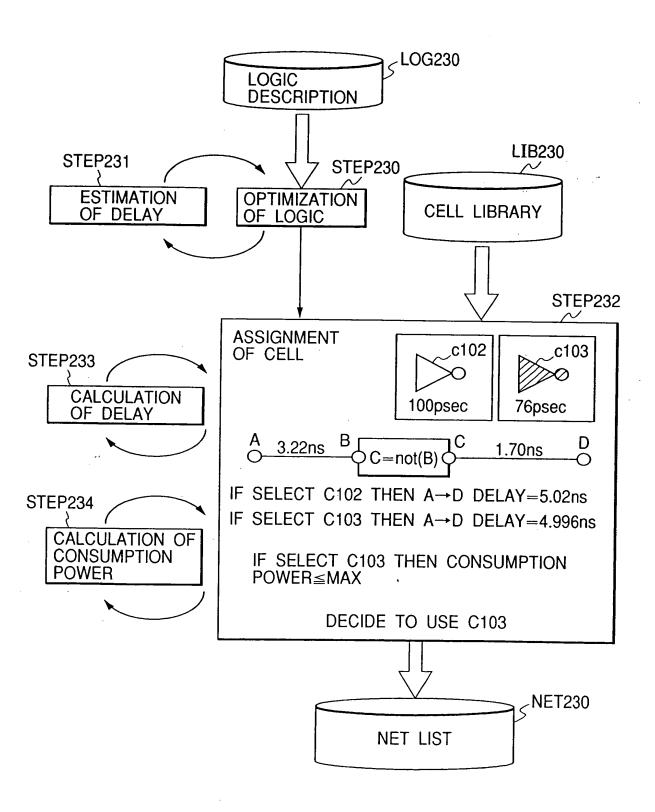
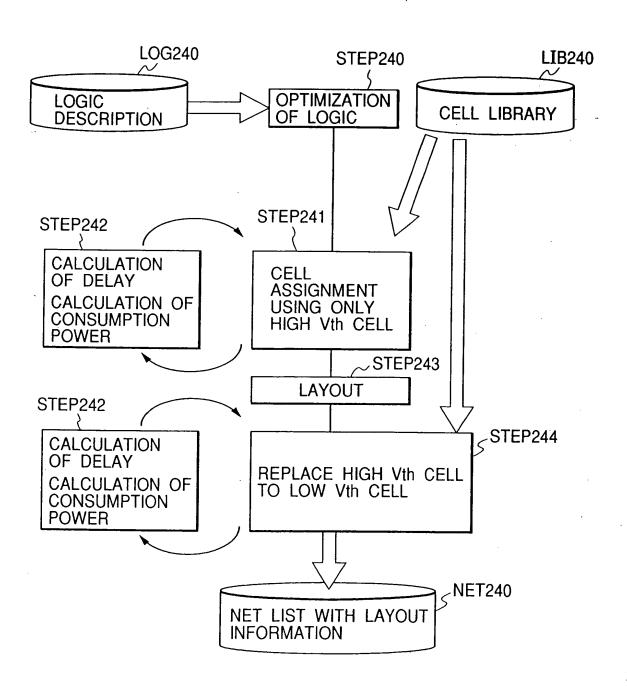
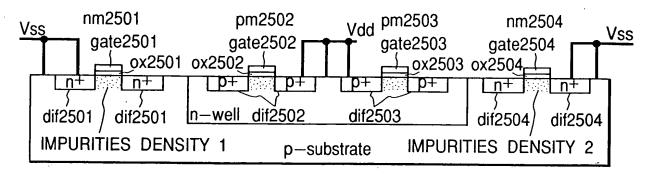


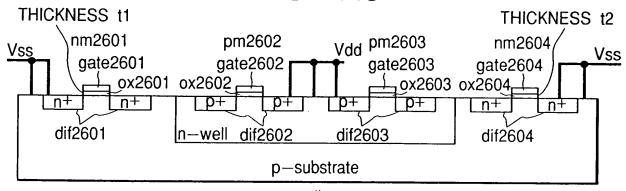
FIG. 24



## FIG. 25



## FIG. 26



## FIG. 27

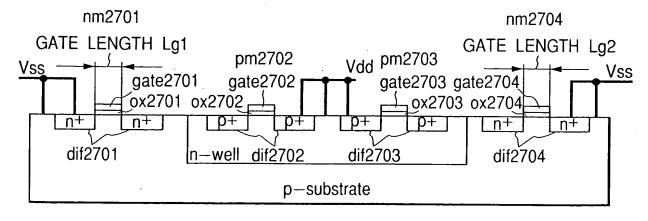


FIG. 28

